

SECTION 2: FORMS PTO/SB/08A and 08B (formerly Form PTO-1449)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Miloushev et al.

Group No.: 2142

Application Number: 10/043,413

Examiner: Prieto, Beatriz

Filing Date: January 10, 2002

Title: File Switch and Switched File System

LIST OF PATENTS AND PUBLICATIONS FOR  
APPLICANT'S INFORMATION DISCLOSURE STATEMENT

U.S. Patent Documents

Examiner Initials	Highlight	Ref Num.	Patent	Issue Date	Inventor	Class/ Subclass
		AA	6029168	02/22/00	Frey	707/10
		AB	5897638	04/27/99	Lasser, <i>et al.</i>	707/102
		AC	5917998	06/29/99	Cabrera, <i>et al.</i>	711/114
			5583995	12/10/96	Gardner	348/7
			5473362	12/5/95	Fitzgerald	348/7
			6775679	08/10/04	Gupta, U Day	707/102
			4993030	02/12/91	Krakauer	371/401
	*		6397246	05/28/02	Wolfe, Daniel	709/217
			6047129	04/4/00	Frye, Russell	395/712
	*		6985936	01/10/06	Agarwalla	709/221
			6044367	03/28/00	Wolff, James	707/2
	*		5649200	07/15/97	Leblang, <i>et al</i>	395/703
			6516351	02/4/03	Borr, Andrea	709/229
			6393581	05/21/02	Friedman, <i>et al</i>	714/4
			6223206	04/21/01	Dan, <i>et al.</i>	709/105
			6161145	12/12/00	Bainbridge, <i>et al.</i>	709/246
			6339785	01/15/02	Feigenbaum, Idan	709/213
			6324581	11/27/01	Xu, <i>et al.</i>	709/229
			6438595	08/20/02	Blumenau, <i>et al.</i>	709/226
			6721794	04/13/04	Taylor	709/231
			6516350	02/14/03	Lumelsky	709/226
	*		5548724	08/20/96	Akizawa <i>et al.</i>	395/200.03
	*		6782450	08/24/04	Amott <i>et al.</i>	711/114
	*		7072917	07/4/06	Wong <i>et al.</i>	707/205
			6233648	05/2001	Tomita, Haruo	711/4
			6556998	04/2003	Mukherjee et al.	707/10
			6985956	01/2006	Luke et al.	709/229
			6990547	01/2006	Ulrich et al.	710/304
			6990667	01/2006	Ulrich et al.	718/105

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### U.S. Published Patent Applications

Examiner Initials	Highlight	Ref. Num	Patent	Issue Date	Inventor	Class/ Subclass
			2004/0025013	02/5/04	Parker, <i>et al.</i>	713/163
	*		2005/0021615	01/27/05	Arnott, <i>et al.</i>	709/203
	*		2004/0028043	02/12/04	Maveli, <i>et al.</i>	370/392
	*		2004/0030857	02/12/04	Krakirian, <i>et al.</i>	711/206
	*		2004/0028063	02/12/04	Roy, <i>et al.</i>	370/402
			2002/0120763	08/2002	Miloushev <i>et al.</i>	709/230
			2002/0161911	10/2002	Pinckney <i>et al.</i>	709/231
			2003/0028514	02/2003	Lord <i>et al.</i>	707/1
			2003/0033308	02/2003	Patel <i>et al.</i>	707/10
			2003/0135514	07/2003	Patel <i>et al.</i>	707/102
			2004/0006575	01/2004	Visharam <i>et al.</i>	707/104.1
			2004/0098383	05/2004	Tabellion <i>et al.</i>	707/003
			2004/0133607	07/2004	Miloushev <i>et al.</i>	707/200
			2004/0133577	07/2004	Miloushev <i>et al.</i>	707/010
			2004/0236798	11/2004	Srinivasan <i>et al.</i>	707/200

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## LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT

### Non-Patent Documents

Examiner Initials	Highlight	Ref. Num.	Author, Title of Article, Title of Journal, Volume Number, Page Numbers, Date
		AG	Callaghan <i>et al.</i> , "NFS Version 3 Protocol Specifications" (RFC 1813), 1995, The Internet Engineering Task Force (IETF), <a href="http://www.ietf.org">www.ietf.org</a> , last accessed on 12/30/02.
		AH	Norton <i>et al.</i> , "CIFS Protocol Version CIFS-Spec 0.9", 2001, Storage Networking Industry Association (SNIA), <a href="http://www.snia.org">www.snia.org</a> , last accessed on 3/26/01.
		AI	Stakutis, C., "Benefits of SAN-based file system sharing", Jul. 2000, InfoStor, <a href="http://www.infostor.com">www.infostor.com</a> last accessed on 12/30/02.
		AJ	Haskin <i>et al.</i> , "The Tiger Shark File System", 1996, in proceedings of IEEE, Spring COMPCON, Santa Clara, CA, <a href="http://www.research.ibm.com">www.research.ibm.com</a> , last accessed on 12/30/02.
		AK	Peterson, M., "Introducing Storage Area Networks", Feb 1998, InfoStor, <a href="http://www.infostor.com">www.infostor.com</a> , last accessed on 12/20/02.
		AL	Patterson <i>et al.</i> , "A case for redundant arrays of inexpensive disks (RAID)", Chicago, Illinois, June 1-3, 1998, in proceedings of ACM SIGMOD conference on the Management of Data, pp.109-116, Association for Computing Machinery, Inc., <a href="http://www.acm.org">www.acm.org</a> , last accessed on 12/20/02.
		AM	Farley, M., "Building Storage Networks", January 2000, McGraw Hill, ISBN 0072120509.
		AN	"Auspex Storage Architecture Guide", Second Edition, 2001, Auspex Systems, Inc., <a href="http://www.auspex.com">www.auspex.com</a> , last accessed on 12/30/02.
		AO	"Windows Clustering Technologies-An Overview", November 2000, Microsoft Corp., <a href="http://www.microsoft.com">www.microsoft.com</a> , last accessed on 12/30/02.
		AP	Steven Soltis, et al., "The Global File System", in Proceedings of the Fifth NASA Goddard Space Flight Center Conference on Mass Storage Systems and Technologies, September 17-19, 1996, College Park, Maryland.
		AQ	Preslan <i>et al.</i> , "Scalability and Failure Recovery in a Linux Cluster File System", in Proceedings of the 4 <sup>th</sup> Annual Linux Showcase & Conference, Atlanta, Georgia, October 10-14, 2000, <a href="http://www.usenix.org">www.usenix.org</a> , last accessed on 12/20/02.
		AR	Zayas, E., "AFS-3 Programmer's Reference: Architectural Overview", Transarc Corp., version 1.0 of September 2, 1991, doc.. number FS-00-D160.

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### Non-Patent Documents (Continued)

Examiner Initials	Highlight	Ref. Num.	Author, Title of Article, Title of Journal, Volume Number, Page Numbers, Date
		AS	"The AFS File System in Distributed Computing Environment", Mar 1996, Transarc Corp. <a href="http://www.transarc.ibm.com">www.transarc.ibm.com</a> , last accessed on 12/20/02.
		AT	"VERITAS SANPoint Foundation Suite(tm) and SANPoint Foundation(tm) Suite HA: New VERITAS Volume Management and File System Technology for Cluster Environments", September 2001, VERITAS Software Corp.
		AU	"Distributed File System: Logical View of Physical Storage: White Paper", 1999, Microsoft Corp., <a href="http://www.microsoft.com">www.microsoft.com</a> , last accessed on 12/20/02.
		AV	Anderson <i>et al.</i> , "Serverless Network File System", in the 15 <sup>th</sup> Symposium on Operating Systems Principles, December 1995, Association for Computing Machinery, Inc.
		AW	Gibson <i>et al.</i> , "NASD Scalable Storage Systems", June 1999, USENIX99, Extreme Linux Workshop, Monterey, California.
		AX	Gibson <i>et al.</i> , "File Server Scaling with Network-Attached Secure Disks", in Proceedings of the ACM International Conference on Measurement and Modeling of Computer Systems (Sigmetrics '97), 1997, Association for Computing Machinery, Inc.
		AY	Cabrera <i>et al.</i> , "Swift: Storage Architecture for Large Objects", In Proceedings of the Eleventh IEEE Symposium on Mass Storage Systems, pages 123-128, Oct 1991.
		BA	Cabrera <i>et al.</i> , "Using Data Striping in a Local Area Network", 1992, technical report number UCSC-CRI-92-09 of the Computer & Information Sciences Department of University of California at Santa Cruz.
		BB	Long <i>et al.</i> , "Swift/RAID: A distributed RAID System", Computing Systems, vol. 7, pp. 333-359, Summer 1994.
	*	BC	Hartman, J., "The Zebra Striped Network File System", 1994, Ph.D. dissertation submitted in the Graduate Division of the University of California Berkeley.
		BD	Carns <i>et al.</i> , "PVFS: A Parallel File System For Linux Clusters", in Proceedings of the 4 <sup>th</sup> Annual Linux Showcase and Conference, pages 317-327, Atlanta, Georgia, October 2000, USENIX Association.
	*	BF	"NERSC Tutorials: I/O on the Cray T3E", chapter 8, "Disk Striping", National Energy Research Scientific Computing Center (NERSC), <a href="http://hpcf.nersc.gov">http://hpcf.nersc.gov</a> , last accessed on 12/27/02.

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Examiner Initials	Highlight	Ref. Num.	Author, Title of Article, Title of Journal, Volume Number, Page Numbers, Date
		BH	Thekkath <i>et al.</i> , 'Frangipani: A Scalable Distributed File System', in Proceedings of the 16 <sup>th</sup> ACM Symposium on Operating Systems Principles, October 1997, Association for Computing Machinery, Inc.
		BI	Hwang <i>et al.</i> , 'Designing SSI Clusters with Hierarchical Checkpointing and Single I/O Space', IEEE Concurrency, pp. 60-69, Jan-Mar 1999.
			Cavale, M. R., 'Introducing Microsoft Cluster Service (MSCS) in the Windows Server 2003,' Microsoft Corporation, November 2002.
			Pearson, P.K., 'Fast Hashing of Variable-Length Text Strings', Comm. Of the ACM, Vol. 33, No. 6, June 1990.
			Sorenson, K.M., 'Installation and Administration: Kimberlite Cluster Version 1.1.0, Rev. D.' Mission Critical Linux, <a href="http://oss.missioncriticallinux.com/kimberlite/kimberlite.pdf">http://oss.missioncriticallinux.com/kimberlite/kimberlite.pdf</a>
			Wilkes, J., et al., 'The HP AutoRAID Hierarchical Storage System,' ACM Transactions on Computer Systems, Vol. 14, No. 1, February 1996.
			Savage, et al., 'AFRAID- A Frequently Redundant Array of Inexpensive Disks,' 1996 USENIX Technical Conf., San Diego, California, January 22-26, 1996.

/Larry Donaghue/ (02/17/2009)

Examiner: \_\_\_\_\_

Date Considered: \_\_\_\_\_

NOTE FOR EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance AND not considered. Include copy of this form with next communication to applicant.

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**Section 3. Statement as to Information Not Found in Patents or Publications (Information Not Listed in Forms PTO/SB/08A and 08B (substitute for Form PTO-1449))**

The following patent applications may include technically-related subject matter and/or claims that are similar to this application:

<b>Appl. No.</b>	<b>File Date</b>	<b>Title/Description</b>	<b>Inventors</b>
10/043,413	1/10/2002	File Switch and Switched File System	Vladimir Miloushev, Peter Nickolov
10/336,704	1/2/2003	Transaction Aggregation in a Switched File System	Vladimir Miloushev, Peter Nickolov
10/336,833	1/2/2003	Directory Aggregation for Files Distributed Over a Plurality of Servers in a Switched File System	Vladimir Miloushev, Peter Nickolov
10/336,835	1/2/2003	Metadata Based File Switch and Switched File System	Vladimir Miloushev, Peter Nickolov
10/336,832	1/2/2003	Rule Based Aggregation of Files and Transactions in a Switched File System	Vladimir Miloushev, Peter Nickolov
10/336,834	1/2/2003	Aggregated Lock Management for Locking Aggregate Files in a Switched File System	Vladimir Miloushev, Peter Nickolov
10/336,784	1/2/2003	Aggregated Opportunistic Lock and Aggregated Implicit Lock Management for Locking Aggregated Files in a Switched File System	Vladimir Miloushev, Peter Nickolov
11/337,190	1/20/2006	Scalable System for Partitioning and Accessing Metadata Over Multiple Servers	Francesco Lacapra
11/041,147	1/21/2005	File-based Hybrid File Storage Scheme Supporting Multiple File Switches	Francesco Lacapra
11/072,892	3/3/2005	System and Method for Managing Small-Size Files in an Aggregated File System	Francesco Lacapra, Srinivas Duvvuri
11/285,677	11/21/2005	Directory Aggregation for Files Distributed Over a Plurality of Servers in a Switched File System	Vladimir Miloushev, Peter Nickolov
11/724,107	3/14/2007	Transaction aggregation in a switched file system	Vladimir Miloushev, Peter Nickolov

The Examiner is requested to review the entire file histories of these applications, including cited references, Office Actions, Responses, etc., and is asked to contact Applicant's Attorney if the Examiner would like the Applicant to supply copies of any or all of the information included in any of these applications. For any of these applications, if Applicant's Attorney is not contacted by the Examiner with such a request, then it will be assumed that the Examiner has reviewed or will review the file content of the application. The identification of the above-identified applications is not a waiver of secrecy for any of the applications.